

### Report Information

Award Type	Award Number	Prime DUNS	Calendar Year / Quarter	Final Report
Grant	DE-OE0000099	809855091	2011 / 2	No

### Award Recipient Information

<b>Recipient DUNS Number</b>	809855091	<b>Recipient Address 1</b>	89 KINGS HWY
<b>Recipient Account Number</b>	S9071703	<b>Recipient Address 2</b>	
<b>Recipient Congressional District</b>	00	<b>Recipient City</b>	DOVER
<b>Parent DUNS Number</b>	042258020	<b>Recipient State</b>	DE
<b>Recipient Type</b>	2F.V2	<b>Recipient ZIP Code + 4</b>	199017305
<b>Recipient Legal Name</b>	NATURAL RESOURCES AND ENVIRONMENTAL CONTROL, DELAWARE DEPARTMENT OF	<b>Recipient Country</b>	USA
<b>Recipient DBA Name</b>			

### Project / Award Information

<b>Funding Agency Code</b>	8900	<b>Total Number of Sub Awards less than \$25,000/award</b>	0
<b>Awarding Agency Code</b>	8900	<b>Total Amount Sub Awards less than \$25,000/award</b>	0.00
<b>Program Source (TAS) Code</b>	89-0328	<b>Total Number of Sub Awards to Individuals</b>	0
<b>Sub Account Number for Program Source</b>	331	<b>Total Amount of Sub Awards to Individuals</b>	0.00
<b>CFDA Number</b>	81.122	<b>Total Number of Payments to Vendors less than \$25,000/award</b>	0
<b>Amount of Award</b>	280109.00	<b>Total Amount of Payments to Vendors less than \$25,000/award</b>	0.00
<b>Award Date</b>	08/12/2009		
<b>Award Description</b>	Enhancing State Government Energy Assurance Capabilities and Planning for Smart Grid Resiliency Grant Amount = \$280,109 Delaware's Department of Natural Resources and Environmental Control Energy Office intends to use the Stimulus Funding, in collaboration with the Delaware Emergency Management Agency (DEMA) and the Public Service Commission (PSC) to improve emergency planning and to conduct necessary training. In the event of an energy emergency the State of Delaware needs to have a uniform plan to implement emergency procedures. The DEO working in concert with DEMA and the PSC will establish its policies, procedures and practices in the format of the National Incident		

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Management Systems (NIMS) as recommended by DEMA. According to the NIMS and the Incident Command System (ICS) Position Paper "NIMS provides a consistent, flexible and adjustable national framework within which government and private entities at all levels can work together to manage domestic incidents, regardless of their cause, size, location or complexity." The establishment of a uniform plan will also enable Delaware SEERP to be consistent with other state and regional action plans. The DEO in cooperation with DEMA and the PSC will train staff to be prepared for emergency responses under this system. In January 2008, the Delaware Energy Office (DEO) adopted a revised State of Delaware Energy Emergency Response Plan (SEERP) as its operations manual for energy emergencies. The SEERP states that responsibilities for energy emergencies are delegated to the DEMA in the Department of Safety and Homeland Security (DSHS) and the Delaware Energy Office (DEO) in the Department of Natural Resources and Environmental Control (DNREC). DEMA has recognized the SEERP as the official energy response plan for the state. The DEO in coordination with DEMA will direct the energy emergency contingency operations at the direct order of the Governor. DEO intends to add the Delaware Public Service Commission (PSC) as a partner in this plan due to its extensive contacts and knowledge of energy infrastructure in the state. The assembly of the DEO, DEMA and the PSC as the responding

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agencies to energy emergency contingency plans and information dissemination operations is essential. The DEO working in concert with DEMA and the PSC will establish its policies, procedures and practices in the format of the National Incident Management System (NIMS) as recommended by DEMA. According to the NIMS and the Incident Command System (ICS) Position Paper "NIMS provides a consistent, flexible and adjustable national framework within which government and private entities at all levels can work together to manage domestic incidents, regardless of their cause, size, location or complexity." The establishment of a uniform plan will also enable Delaware SEERP to be consistent with other state and regional action plans. The DEO in cooperation with DEMA and the PSC will train staff to be prepared for emergency responses under this system. Through this grant opportunity the DEO will incorporate better information gathering tools such as Smart Grid Technologies and renewable energy options into the SEERP. The new plan will also address how to manage events when traditional energy and fuels are limited or otherwise unavailable. Smart Grid Technology enables utilities to communicate with customer metes to determine energy usage and find service interruptions. The emergency support capacity of renewable energy in the form of photovoltaic, solar water heating, wind turbine technologies along with alternative fuels and vehicles will also be determined. The DEO in cooperation with the PSC will work with local

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electric, natural gas, and liquid fuels suppliers to understand Smart Grid applications and the current vulnerabilities of distribution systems. In so doing the DEO will better understand how to incorporate renewable and alternative energy sources in emergency operations.

### Project Information

Project Name or Project/ Program Title	Energy Assurance Planning	Activity Codes (NAICS or NTEE-NPC) (up to 10)
<b>Quarterly Activities/ Project Description</b>	<p>The Delaware Energy Assurance Working Group met in May 2011 at the Delaware Emergency Management Agency (DEMA) to discuss the inter-agency review process for the Draft Delaware Energy Assurance Plan, the reach back capabilities for the Northeast and Mid-Atlantic inter-state energy assurance training exercise (June 2011) hosted by the US Department of Energy, requirements for in-state energy assurance table-top exercises and the roles of the working group addressed in the Draft Energy Assurance Plan. Representatives from the Delaware Energy Office (DEO) and the Delaware Emergency Management Agency (DEMA) participated in the June 16 and 17, 2011 Northeast and Mid-Atlantic inter-state energy assurance training exercise in Boston. The Delaware Energy Office is also preparing for an intra-state table-top exercise to be held at a later date (tentatively Fall 2011). DEO and DEMA</p>	<p><b>Activity Code 1</b> C05.02  <b>Activity Code 2</b>  <b>Activity Code 3</b>  <b>Activity Code 4</b>  <b>Activity Code 5</b>  <b>Activity Code 6</b>  <b>Activity Code 7</b>  <b>Activity Code 8</b>  <b>Activity Code 9</b>  <b>Activity Code 10</b></p>

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	representatives met with a contractor to discuss the path forward for Delaware's Table Top Exercises. DEO is coordinating the completion of grant deliverables with DEMA staff. DEO, DEMA and the Delaware Energy Assurance Working Group will continue to review and update the Energy Assurance Plan as need arises to clarify standard operating procedures and to incorporate lessons learned from participation in energy assurance exercises.
Project Status	Less than 50% completed
Total Federal Amount ARRA Funds Received/ Invoiced	37026.59
Number of Jobs	0.00
Description of Jobs Created	No hours for work performed during this quarter were paid with ARRA funds.
Total Federal Amount of ARRA Expenditure	37026.59
Total Federal ARRA Infrastructure Expenditure	0.00
Infrastructure Purpose and Rationale	

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### Infrastructure Contact

Name 0	Street Address 1
Email	Street Address 2
Phone	Street Address 3
Ext	City
	State
	ZIP Code + 4

### Primary Place of Performance

Address 1	DNREC Delaware Energy Office
Address 2	1203 College Park Drive
City	Dover
Country Code	US
State	DE
ZIP Code + 4	19904 - 8703
Congressional District	00

### Recipient Highly Compensated Officers

Prime Recipient Indication of Reporting Applicability	No	Officer 3 Name
Officer 1 Name		Officer 3 Compensation
Officer 1 Compensation		Officer 4 Name
Officer 2 Name		Officer 4 Compensation
Officer 2 Compensation		Officer 5 Name
		Officer 5 Compensation

### Report Audit Trail

Created By	Suzanne Sebastian
Date Created	07/12/2011 10:59 AM
Last Updated By	Suzanne Sebastian
Last Updated On	07/12/2011 10:59 AM

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### Vendor Information

<b>Sub Award Number</b>	<b>Payment Amount</b>	36186.59
<b>Vendor DUNS Number</b>	<b>Product and Service</b>	Energy Planning Consulting
<b>Vendor Name</b>	<b>Description</b>	Services
Energy Planning Consultants, Inc.		
<b>Vendor HQ ZIP Code + 4</b>	80104 - 5684	

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